

INVITATION TO BID

Addendum # 1



Department Of Executive Services
Finance and Business Operations Division
Procurement and Contract Services Section
206-684-1681 TTY Relay: 711

ADDENDUM DATE: February 22, 2006

ITB Title: Electric Motor Rebuild and Rewind Services

ITB Number: 06-003 MM

Due Date/Time: March 2, 2006- 2:00 P.M.

Buyer: Michael McKinley, michael.mckinley@metrokc.gov, 206-684-2047

This addendum is issued to revise Invitation to Bid 06-003 MM, advertised February 9, 2006 as follows:

The Bid Opening Date remains the same, March 2, 2006 2:00 PM exactly.

Location	Description
Exhibit A – Bid Pricing	Use the Revised Exhibit A – Bid Pricing attached to this Addendum.
7-2 – Technical	Clarification. The Electric Shop will provide the Contractor with whatever technical materials they have available, but the Contractor has the responsibility to secure the necessary technical materials to provide the necessary electric motor rebuild and rewind services required by the contract. Clarification. The Electric Shop will do all machining on motors and housings for Items 32 through 46.
7-8 - Warranty	Clarification. The Electric Shop will investigate electric motor failures due solely to improper periodic maintenance and resolve these issues with the Contractor. Clarification. All electric motors must pass a post repair inspection by the Electric Shop.
7-12 – Delivery Sites	Clarification. The primary site for pick up and delivery of electric motors will be the Electric Shop/Component Supply Center.
7-13 – Pickup/Delivery	Clarification. Fourteen (14) day turnaround may be waived at the sole discretion of the Electric Shop on a case by case basis if repair parts are not available in a timely manner. A continued inability by the Contractor to secure parts in a timely manner Shall be considered non-performance.
Electric Motor Information	See attached Electric Motor Information.

This addendum shall be attached to and form a part of ITB 06-003 MM. Please indicate receipt of this addendum on Exhibit A, Bid Pricing (Revised)

EXHIBIT A – BID PRICING (REVISED)

ITB No: 06-003 MM

TITLE: Electric Motor Rebuild And Rewind Services

NAME OF BIDDER:

We acknowledge that **Addenda numbered ___ to ___** have been delivered to us and have been examined as part of the Contract documents.

We acknowledge that attaching our terms or modifying the ITB terms may result in our bid being rejected. The low bidder is defined as the responsible bidder, meeting specifications, that offers the lowest unit prices and the lowest total bid price as determined as being in the best interest of King County. King County reserves the right to award on an individual line item basis or based on the total bid price.

Item #	Est. Annual Quantity	Description	Unit Price	Extended Price
1.	34	GE 1213J5 - Traction Motor Basic Rebuild	\$	\$
2.	4	GE 1213J5 - Traction Motor Armature Rebuild	\$	\$
3.	8	GE 1213J5 - Traction Motor Motor Field and Interpole Rebuild	\$	\$
4.	4	Commutator Replacement	\$	\$
5.	1	Airtech 5CY1022EIC - GE Compressor Motor Basic Rebuild	\$	\$
6.	1	Airtech 5CY1022EIC - GE Compressor Motor Armature Rebuild	\$	\$
7.	1	Airtech 5CY1022EIC - GE Compressor Motor Motor Field and Interpole Rebuild	\$	\$
8.	1	Commutator Replacement	\$	\$
9.	1	Siemens 1KB2021OMLO2 - Traction Motor Basic Rebuild	\$	\$
10.	1	Siemens 1KB2021OMLO2 - Traction Motor Armature Rebuild	\$	\$
11.	1	Siemens 1KB2021OMLO2 - Traction Motor Motor and Fiele Interpole Rebuild	\$	\$
12.	1	Commutator Replacement	\$	\$

Item #	Est. Annual Quantity	Description	Unit Price	Extended Price
13.	5	Baumuller GREFF132M - Compressor Motor Basic Rebuild	\$	\$
14.	2	Baumuller GREFF132M - Compressor Motor Armature Rebuild	\$	\$
15.	2	Baumuller GREFF132M - Compressor Motor Motor Field and Interpole Rebuild	\$	\$
16.	1	Commutator Replacement	\$	\$
17.	1	Siemens IGA3/1HC3 - Chopper Blower Motor Basic Rebuild	\$	\$
18.	1	Siemens IGA3/1HC3 -Chopper Blower Motor Armature Rebuild	\$	\$
19.	1	Siemens IGA3/1HC3 - Chopper Blower Motor Motor Field and Interpole Rebuild	\$	\$
20.	1	Commutator Replacement	\$	\$
21.	1	AEG Westinghouse 2124F96G01 - Traction Motor Basic Rebuild	\$	\$
22.	1	AEG Westinghouse 2124F96G01 - Traction Motor Armature Rebuild	\$	\$
23.	1	AEG Westinghouse 2124F96G01 - Traction Motor Motor Field and Interpole Rebuild	\$	\$
24.	1	Tech Systems, Inc. 20019-252502-01 - Compressor Motor - Basic Rebuild	\$	\$
25.	1	Tech Systems, Inc. 20019-252502-01 - Compressor Motor - Armature Rebuild	\$	\$
26.	1	Tech Systems, Inc. 20019-252502-01 - Compressor Motor - Motor Field Rebuild and Interpole Rebuild	\$	\$
27.	1	Commutator Replacement	\$	\$
28.	1	AEG Westinghouse 2525F25G01 - Propulsion System Blower Motor - Basic Rebuild	\$	\$
29.	1	AEG Westinghouse 2525F25G01 - Propulsion System Blower Motor - Armature Rebuild	\$	\$
30.	1	AEG Westinghouse 2525F25G01 – Propulsion System Blower Motor Motor Field and Interpole Rebuild	\$	\$

Item #	Est. Annual Quantity	Description	Unit Price	Extended Price
31.	4	Thompson (British Made) Traction Motor – Basic Rebuild	\$	\$
32.	4	Thompson (British Made) Traction Motor - Armature Rebuild	\$	\$
33.	1	Thompson (British Made) Traction Motor - Motor Field and Interpole Rebuild	\$	\$
34.	1	Commutator Replacement	\$	\$
35.	1	Westinghouse Traction Motor 101AR - Basic Rebuild	\$	\$
36.	1	Westinghouse Traction Motor 101AR – Armature Rebuild	\$	\$
37.	1	Westinghouse Traction Motor 101AR - MotorField and Interpole Rebuild	\$	\$
38.	1	Commutator Replacement	\$	\$
39.	1	Westinghouse Traction Motor 101AN - Basic Rebuild	\$	\$
40.	1	Westinghouse Traction Motor 101AN - Armature Rebuild	\$	\$
41.	1	Westinghouse Traction Motor 101AN - Motor Field and Interpole Rebuild	\$	\$
42.	1	Commutator Replacement	\$	\$
43.	1	Westinghouse Traction Motor 101AX - Basic Rebuild	\$	\$
44.	1	Westinghouse Traction Motor 101AX - Armature Rebuild	\$	\$
45.	1	Westinghouse Traction Motor 101AX - Motor Field and Inter pole Rebuild	\$	\$
46.	1	Commutator Replacement	\$	\$
47.	100 Hr.	Shop Standard Labor Rate	\$	\$
48.	25 Hr.	Shop Overtime Labor Rate	\$	\$
Total Bid Price				\$

Items 1, 2, 3, 4, 5, 6, 7 and 8 are in the Gillig Trolley Fleet size 100.

Items 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20 are used in the MAN 60' Trolley. Fleet size 46. To be reduced 50% by 2008.

Items 21, 22, 23, 24, 25, 26, 27, 28, 29, and 30 are used in the Breda 60' Trolley. Estimated Fleet size 59 by 2008.

Items 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, and 46 are used in the Waterfront Streetcar. Fleet size 5. Out of service until 2008.

References

Company Name:	<hr/>	Company Name:	<hr/>
Address:	<hr/>	Address:	<hr/>
Phone Number:	<hr/>	Phone Number:	<hr/>
Contact Person:	<hr/>	Contact Person:	<hr/>
Dates:	<hr/>	Dates:	<hr/>
Company Name:	<hr/>	Company Name:	<hr/>
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Contact Person:	<hr/>	Contact Person:	<hr/>
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Electric Motor Information							
Item #s	Description	Fleet	Type	Horsepower	RPM	Voltage	Bearings
1 thru 3	GE 1213J5 Traction Motor	Gillig	DC	150	3500	650 Vdc	NU 313 EMJ30 and NU 313 EMC3
5 thru 7	Airtech 5CY1022EIC - GE Compressor Motor	Gillig	DC	3.5	2500	600 Vdc	6206 2 Z C3THD
9 thru 11	Siemens 1KB20210ML02 - Traction Motor	MAN	DC	250	1480	650 Vdc	NU 315 EM C/4 and 6312 C-3
13 thru 15	Baumuller GREFF132M - Compressor Motor	MAN	DC	3.5	2500	600 Vdc	6208 2 RS C3THD and 6206 2Z 3THD
17 thru 19	Siemens IGA3/1HC3 Chopper Blower Motor	MAN	DC	0.43	3400	440 Vdc	6003 RS QC and 6202 RS QC
21 thru 23	AEG Westinghouse 2124F96G01 Traction Motor	Breda	AC	350	4000	650 Vac	NU 315 EM C/4 and 6312 C-3
24 thru 26	Tech System, Inc. 20019-252502-01 Compressor Motor	Breda	DC	9		600 Vdc	
28 thru 30	AEG Westinghouse 2525F25G01 Propulsion System Blower Motor	Breda	DC			40 Vac	
31 thru 33	Thompson Traction Motor	Waterfront Streetcar	DC	50	2500	600 Vdc	
35 thru 37	Westinghouse Traction Motor 101 AR	Waterfront Streetcar	DC	50	2500	600 Vdc	
39 thru 41	Westinghouse Traction Motor 101 AN	Waterfront Streetcar	DC	50	2500	600 Vdc	
43 thru 45	Westinghouse Traction Motor 101 AX	Waterfront Streetcar	DC	50	2500	600 Vdc	